

MONTHLY OPERATIONS REPORT

June 2015

Town of Discovery Bay, CA

2131 Days of Safe Operations

95815 worked hours since last recordable incident

TRAINING:

Safety, Operations, & Equipment

Safety	Hours
West Monthly Regional Safety Webinar Weekly Safety Topics OSHA NFPA 70E Electrical	44.0
Operations	

REPORTS SUBMITTED TO REGULATORY AGENCIES

Monthly Discharge Monitoring Report (DMR) Monthly electronic State Monitoring Report (eSMR) Monthly Coliform Report, State Water Board (WD)

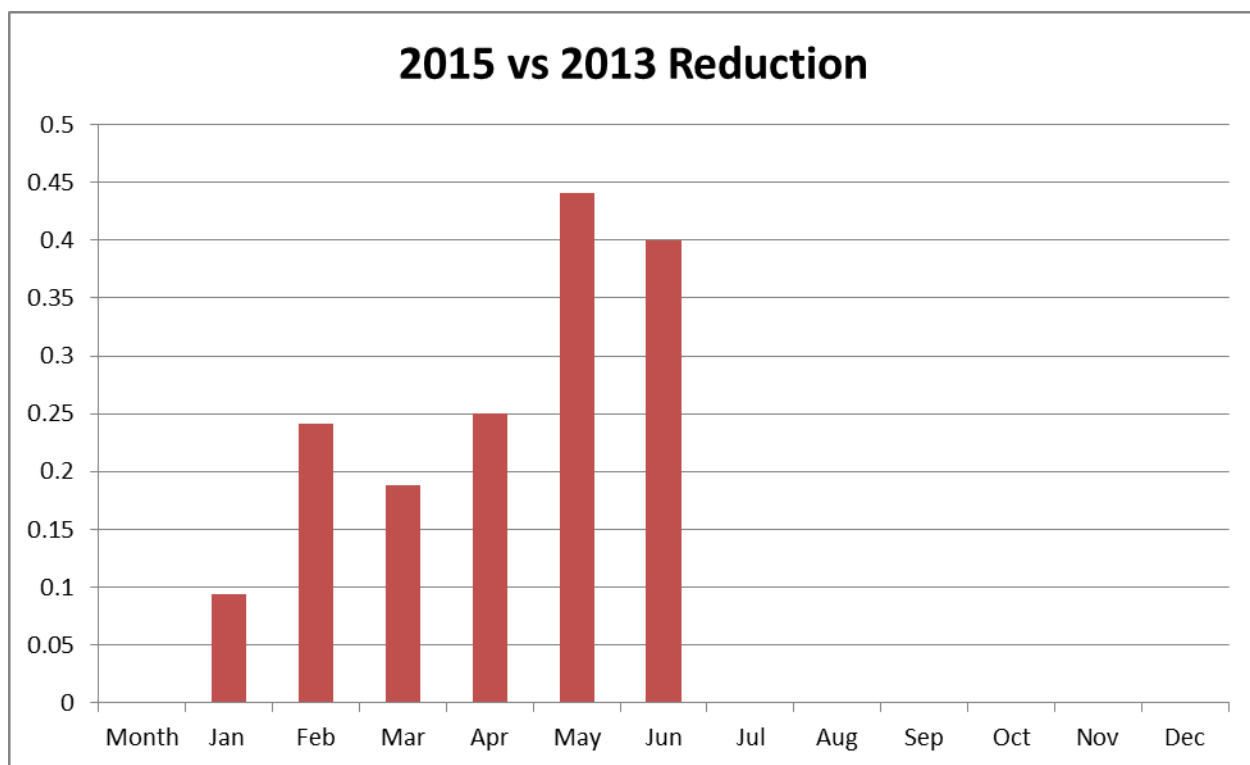
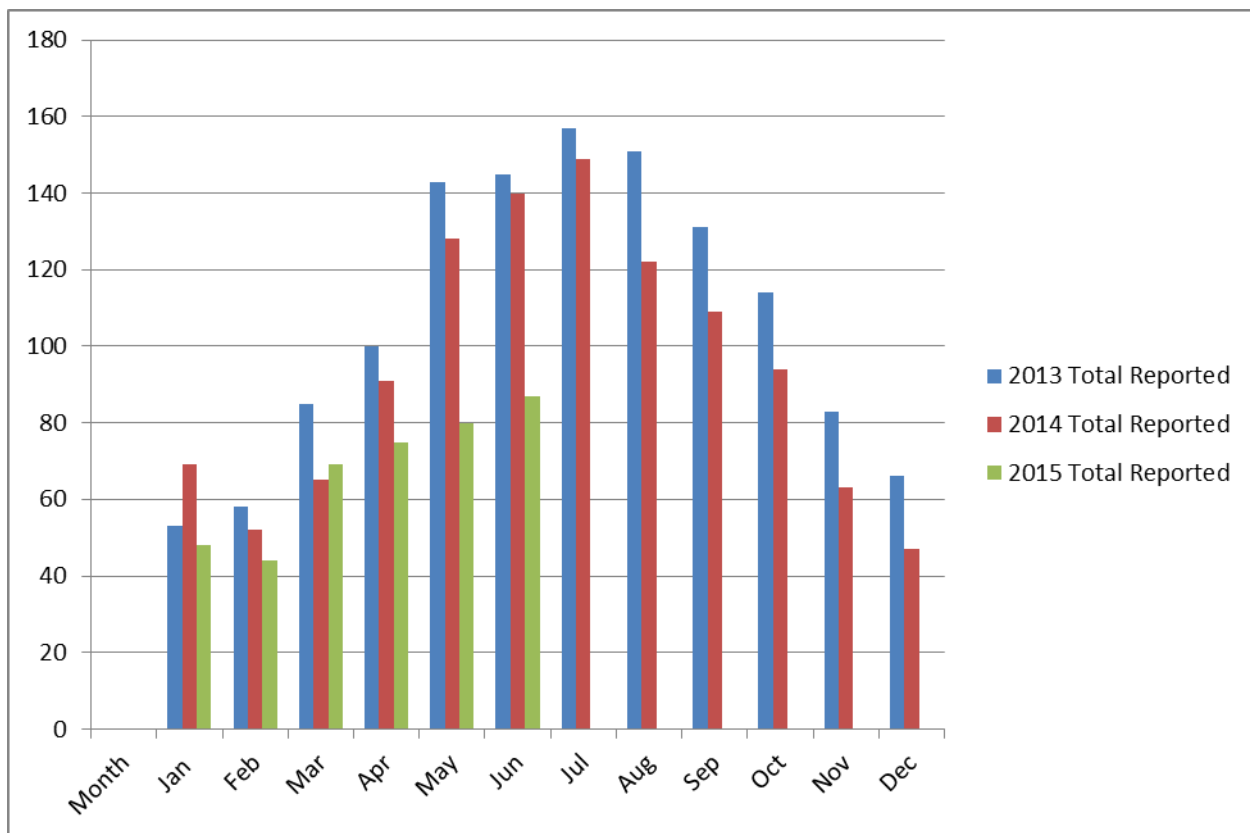
WATER SERVICES

# of Active Wells	Water Produced (MG)	Chemical (Hypo) Delivered	Fire Hydrant Flushing
5	87	2770	0

Note: Well 4 in lead and Well 5 in lag to offset specific conductivity

2015 Water Production Table (MG) by Month

January	February	March	April	May	June
48	44	70	75	80	87
July	August	September	October	November	December



Bacteriological Test Results:

Routine Bacteria Samples Collected	No. Total Coliform Positives	No. Fecal/E. coli Positives	Brown Water Calls
20	0	0	0

WASTEWATER SERVICE

Wastewater Laboratory Analysis

<i>WW Effluent Parameter</i>	<i>Permit Limits</i>	<i>May Lab Data</i>	<i>June Lab Data</i>
Flow, MG Effluent, monthly total		34.7	34.0
Flow, MG Daily Influent Flow, avg.	N/A	1.38	1.19
Flow, MG Daily Discharge Flow, avg.	2.1	1.12	1.13
Effluent BOD ₅ , lbs/d, monthly avg.	350	25	32
Effluent TSS, lbs/d, monthly avg.	525	54	50
Effluent BOD ₅ , mg/L, monthly avg.	20	3	3
Effluent TSS, mg/L, monthly avg.	30	6	5
Total Coli form 7 day Median Max	23		
Total Coli form Daily Maximum	240		
% Removal BOD ₅ , monthly avg.	85% min.	99	99
% Removal, TSS, monthly avg.	85% min.	93	95
Electrical Conductivity, umhos/cm annual avg.	2100	2013	2013

Blue – new parameter added

National Pollution Discharge Elimination System (NPDES)

NPDES Related Excursions	Permit Parameter	NPDES Parameter Limit	Actual Parameter Result
0	None	0	N/A

Bacteriological Test Results:

Routine Bacteria Samples Collected	No. Total Coliform Positives	No. Fecal/E. coli Positives	7-Day Median Excursion
14	0	0	0

# of Active Lift Stations	# of Inactive Lift Stations	SSO	Wastewater Received (MG)
15	0	0	35.6

COLLECTION:

- Flushing completed
- CCTV completed (Deadline is May 2015)
- Inspected 0 manhole & covers. **113** YTD
- Performed valve exercising
- Performed weekly lift station inspections.

MAINTENANCE:

Preventive and Corrective

Total # of WO's Completed	Total Hours
173	182

Work Order Back-Log

Aging 8 - 30 Days	Aging > 30 Days
40	11

Call & Emergency Responses

Call Outs	Emergencies
13	0

Personnel Hours & Overtime:

Regular Hours	Overtime
1448	60

TERMS

WWTP	WASTEWATER TREATMENT PLANT
WTP	WATER TREATMENT PLANT
WL	WILLOW LAKE
NP	NEWPORT
VFD	VARIABLE FREQUENCY DRIVE
WO	WORK ORDER
PLC	PROGRAMMABLE LOGIC CONTROLLER
L/S	LIFT STATION
SSO	SANITARY SEWER OVERFLOW
BOD	BIOLOGICAL OXYGEN DEMAND
TSS	TOTAL SUSPENDED SOLIDS
MGD	MILLION GALLONS PER DAY
mg/l	MILLIGRAMS PER LITRE
CCTV	CLOSED CIRCUIT TELEVISION
PPM	PARTS PER MILLION
RAS	RETURN ACTIVATED SLUDGE
WAS	WATSE ACTIVATED SLUDGE
UV	ULTRAVIOLET LIGHT